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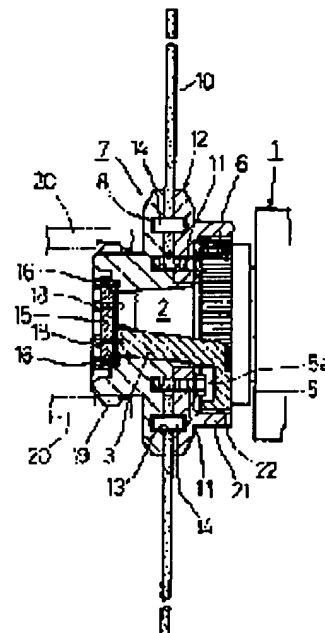
(54) GRINDING WHEEL HOLDER WITH TORQUE
 TRANSFER FUNCTION

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(57) Abstract:

PURPOSE: To surely transfer the rotational torque to a grinding wheel shaft by providing a taper hole couplable with the taper shaft section of the grinding wheel shaft and the spline teeth engageable with the spline teeth formed on the grinding wheel shaft.

CONSTITUTION: The coupling between the taper shaft section 3 of a grinding wheel shaft 2 and the taper hole of a main flange 8 mainly serves as the centering of a grinding wheel holder 7. The engaging between the spline teeth 6 of the grinding wheel shaft 2 and the spline teeth 22 of a sub-flange 12 serves as the transmission function of the rotational torque of the grinding wheel shaft 2 by the activation of a grinding/cutting machine 1, and the rotation of the grinding wheel shaft 2 is surely transmitted to a grinding wheel 10 side. The replacing work of the grinding wheel shaft 2 can be simply performed.



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